CLAIMS

We claim:

1   1.   A graphical user interface for building Boolean queries and viewing search results

2   comprising:

3   a.   a workspace capable of enclosing one or more search cells and one or more

4   combination cells;

5   b.   a means for inserting search cells into the workspace, each search cell having a

6   search by type icon, a text field and a hit count;

7   c.   a means for inserting combination cells into the workspace each combination cell

8   having a combine icon, a hit count and an expression field, wherein content of the

9   expression field within a selected combination cell is determined by the combine

10   icon and selection of search cells to be included within the selected combination

11   cell;

12   d.   a means for deleting selected search cells and combination cells from the

13   workspace; and

14   e.   a means for viewing search results of selected search cells and flagged

15   combination cells.

1   2.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 1, wherein the search cells and the combination cells are capable of being

3   graphically relocated within the workspace.

1   3.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 2, wherein:

3   a.   an applet running on a client controls insertion, selection, movement, and deletion

4   of the search cells and the combination cells; and

5   b.   a server:

6   i.   executes queries received over an internet connection from the client; and

7   ii.   delivers search results back to the client over the internet.

1   4.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 3, wherein the client is local and the server is remote.

1   5.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 1, wherein the search by type icon is selected from a group including a category

3   icon, a keyword icon, and a media type icon.

1   6.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 1, wherein the combine icon is selected from a group including a logical AND icon,

3   a logical OR icon and a logical MINUS icon.

1   7.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 1, wherein content of the text field is capable of being selected using a category

3   walker.

1   8.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 1, wherein information displayed by the means for viewing search results includes

3   a title, a media type, and a location for each search result.

1   9.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 8, wherein the location is a URL address.

1   10. The graphical user interface for building Boolean queries and viewing search results as in

2   claim 1, wherein search parameters displayed in the workspace are treated as a session.

1   11. The graphical user interface for building Boolean queries and viewing search results as in

2   claim 10, wherein a user has ability to save, open, import, and close the session.

1   12. The graphical user interface for building Boolean queries and viewing search results as in

2   claim 1, wherein the search results are treated as a collection.

1   13.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 12, wherein a user has ability to save, open, import, and close the collection.

1   14.   A method of building Boolean queries and viewing search results using a graphical user

2   interface comprising the steps of:

3   a.   opening a window including a workspace and a toolbar;

4   b.   inserting two or more search cells into the workspace, each search cell having a

5   search by type icon, a text field and a hit count; and

6   c.   entering text in the text fields of the search cells;

7   d.   selecting two or more search cells;

8   e.   inserting a combination cell into the workspace, the combination cell having a

9   combine icon, a hit count and an expression field, wherein content of the

10   expression field is determined by the combine icon and selection of search cells to

11   be included within the combination cell;

12   f.   selecting the combination cell;

13   g.   executing the query represented by each selected combination cell; and

14   h.   viewing search results in the workspace.

1   15.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 14, wherein the search cells and the combination cells are

3   capable of being graphically relocated within the workspace.

1   16.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 15, wherein:

3   a.   an applet running on a client controls insertion, selection, and movement of the

4   search cells and the combination cells; and

5   b.   a server:

6   i.   executes queries received over an internet connection from the client; and

7   ii.   delivers search results back to the client over the internet.

1   17.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 14, wherein the client is local and the server is remote.

1   18.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 14, wherein the search by type icon is selected from a group

3   including category, keyword and media type.

1   19.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 14, wherein the combine icon is selected from a group including

3   a logical AND icon, a logical OR icon and a logical MINUS icon.

1   20.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 14, wherein content of the text field is capable of being selected

3   using a category walker.

1   21.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 14, further comprising the step of displaying each search result,

3   including a title, a media type, and a location.

1   22.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 21, wherein the location is a URL address.

1   23.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 14, wherein search parameters displayed in the workspace are

3   treated as a session.

1   24.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 23, wherein a user has ability to save, open, import, and close

3   the session.

1   25.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 14, wherein the search results are treated as a collection.

1 26. The method for building Boolean queries and viewing search results using a graphical

2 user interface as in claim 25, wherein a user has ability to save, open, import, and close

3 the collection.

1 27. A graphical user interface for building Boolean queries and viewing search results

2 comprising:

3 a. a window including a workspace and a tool bar;

4 b. one or more search cells located within the workspace, each search cell having a

5 search by type icon, a text field and a hit count; and

6 c. one or more combination cells, each combination cell having a combine icon, a hit

7 count and an expression field, wherein content of the expression field within a

8 selected combination cell is determined by the combine icon and selection of

9 search cells to be included within the selected combination cell.

1 28. The graphical user interface for building Boolean queries and viewing search results as in

2 claim 27, wherein the search cells and the combination cells are capable of being

3 graphically relocated within the workspace.

1 29. The graphical user interface for building Boolean queries and viewing search results as in

2 claim 28, wherein:

3 a. an applet running on a client controls insertion, selection, movement, and deletion

4 of the search cells and the combination cells; and

5 b. a server executes queries received over an internet connection from the client and

6 delivers search results back to the client over the internet.

1 30. The graphical user interface for building Boolean queries and viewing search results as in

2 claim 29 wherein the client is local and the server is remote.

1 31. The graphical user interface for building Boolean queries and viewing search results as in

2 claim 27, wherein the search by type icon is selected from a group including a category

3 icon, a keyword icon, and a media type icon.

1　32.　The graphical user interface for building Boolean queries and viewing search results as in
2　　　claim 27, wherein the combine icon is selected from a group including a logical AND
3　　　icon, a logical OR icon and a logical MINUS icon.

1　33.　The graphical user interface for building Boolean queries and viewing search results as in
2　　　claim 27, wherein content of the text field is capable of being selected using a category
3　　　walker.

1　34.　The graphical user interface for building Boolean queries and viewing search results as in
2　　　claim 27, wherein the toolbar includes a search by group, a combine group, and an
3　　　actions group:
4　　　a.　the search by group having a category button, a keyword button, and a date
5　　　　　button, wherein:
6　　　　　i.　when the category button is selected, one search cell is generated with a
7　　　　　　　category icon as the search by icon;
8　　　　　ii.　when the keyword button is selected, one search cell is generated with a
9　　　　　　　keyword icon as the search by icon; and
10　　　　　iii.　when the date button is selected, one search cell is generated with a date
11　　　　　　　icon as the search by icon;
12　　　b.　the combine group having a logical AND button, a logical OR button and a
13　　　　　logical MINUS button, wherein:
14　　　　　i.　when the logical AND button is selected, one combination cell is
15　　　　　　　generated with a logical AND icon as the combine icon;
16　　　　　ii.　when the logical OR button is selected, one combination cell is generated
17　　　　　　　with a logical OR icon as the combine icon; and
18　　　　　iii.　when the logical MINUS button is selected, one combination cell is
19　　　　　　　generated with a logical MINUS icon as the combine icon; and
20　　　c.　the actions group having a remove button, a results button, an expand/collapse
21　　　　　button and a quit button, wherein:
22　　　　　i.　when the remove button is selected, selected combination cells and
23　　　　　　　selected search cells are removed from the workspace;

24		ii.	when the results button is selected, a query defined by each selected
25			combination cell is executed and a results tab is generated;
26		iii.	when the expand/collapse button is selected, the selected combination cell
27			is alternately collapsed into itself and expanded to show search cells
28			within the selected combination cell; and
29		iv.	when the quit button is selected, the window is closed.

1 35. The graphical user interface for building Boolean queries and viewing search results as in
2   claim 34, wherein when the results button is selected, the search results are displayed
3   within the workspace.

1 36. The graphical user interface for building Boolean queries and viewing search results as in
2   claim 35, wherein the workspace includes a title, a media type, and a location for each
3   displayed search result.

1 37. The graphical user interface for building Boolean queries and viewing search results as in
2   claim 36, wherein the location is a URL address.

1 38. The graphical user interface for building Boolean queries and viewing search results as in
2   claim 34, wherein the window also includes a menu bar.

1 39. The graphical user interface for building Boolean queries and viewing search results as in
2   claim 38, wherein the menu bar includes a session menu, a collection menu, a query
3   menu, a select menu, and a help menu, wherein:
4   a.   the session menu includes a new session option, an open session option, a save
5   session option, a close session option, and an exit option;
6   b.   the collection menu includes a new collection option, an open collection option, a
7   merge collection option, a save option, and a close collection option;
8   c.   the query menu includes a search by category option, a search by keyword option,
9   a search by numeric and date option, a combine by logical AND option, a
10   combine by logical OR option, a combine by logical MINUS option and an
11   execute search option;

12 d. the select menu includes a select all option, an unselect all option, and a selection

13   option; and

14 e. the help menu includes an index option and an about option.

1 40. A graphical user interface for building Boolean queries and viewing search results

2   comprising:

3   a. a workspace capable of enclosing one or more search folders and one or more

4   combination folders in a folder tree hierarchy;

5   b. a means for inserting search folders into the workspace, each search folder

6   configured for displaying a search by type icon, a text field, and a hit count;

7   c. a means for inserting combination folders into the workspace, each combination

8   folder having a combine icon;

9   d. a means for moving selected search folders and selected combination folders

10   within the folder tree hierarchy;

11   e. a means for deleting selected search folders and selected combination folders from

12   the workspace; and

13   f. a means for viewing search results of selected search folders and selected

14   combination folders.

1 41. A graphical user interface for building Boolean queries and viewing search results as in

2   claim 40, wherein:

3   a. an applet running on a client controls insertion, selection, movement, and deletion

4   of the search folders and the combination folders; and

5   b. a server executes queries received over an internet connection from the client and

6   delivers search results back to the client over the internet.

1 42. A graphical user interface for building Boolean queries and viewing search results as in

2   claim 41 wherein the client is local and the server is remote.

1 43. The graphical user interface for building Boolean queries and viewing search results as in

2   claim 40, wherein the combine icon is selected from a group including a logical AND

3   icon, a logical OR icon and a logical MINUS icon.

1 44. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 40, wherein content of the text field is capable of being selected using a category
3 walker.

1 45. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 40, wherein information displayed by the means for viewing includes a title, a
3 media type, and a location for each search result.

1 46. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 45, wherein the location is a URL address.

1 47. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 40, wherein search parameters displayed in the workspace are treated as a session.

1 48. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 47, wherein a user has ability to save, open and close the session.

1 49. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 40, wherein the search results are treated as a collection.

1 50. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 49, wherein a user has ability to save, open and close the collection.

1 51. A method of building Boolean queries and viewing search results using a graphical user
2 interface comprising the steps of:
3 a. opening a window including a workspace and a toolbar;
4 b. inserting two or more search folders into the workspace, each search folder
5 configured for displaying a search by type icon, a text field, and a hit count;
6 c. entering text in the text fields of the search folders;
7 d. selecting two or more search folders;

8   e.   inserting one or more combination folders into the workspace, each combination

9   folder having a combine icon;

10   f.   arranging the search folders and combination folders within a folder tree

11   hierarchy;

12   g.   selecting one combination folder thereby forming a selected combination folder;

13   h.   executing a query represented by each the selected combination folder; and

14   i.   viewing search results in the workspace.

1   52.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 51, wherein:

3   a.   an applet running on a client controls insertion, selection, movement, and deletion

4   of the search folders and the combination folders; and

5   b.   a server executes queries received over an internet connection from the client and

6   delivers search results back to the client over the internet.

1   53.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 52, wherein the client is local and the server is remote.

1   54.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 51, wherein the combine icon is selected from a group including

3   a logical AND icon, a logical OR icon and a logical MINUS icon.

1   55.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 51 wherein content of the text field is capable of being selected

3   using a category walker.

1   56.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 51 further comprising the step of displaying each search result,

3   including a title, a media type, and a location.

1   57.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 56 wherein the location is a URL address.

1   58.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 51, wherein search parameters displayed in the workspace are

3   treated as a session.

1   59.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 51 wherein the search results are treated as a collection.

1   60.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 59, wherein a user has ability to save, open and close the

3   collection.

1   61.   A graphical user interface for building Boolean queries and viewing search results

2   comprising:

               a.   a window including a workspace, a tool bar, and a folder tree hierarchy;

               b.   two or more search folders located within the folder tree hierarchy, each search

                          folder capable of being moved within the folder tree hierarchy and configured for

                          displaying a search by type icon, a text field, and a hit count;

               c.   one or more combination folders, each combination folder capable of being

                          moved within the folder tree hierarchy and having a combine icon.

1   62.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 61, wherein:

3   a.   an applet running on a client controls insertion, selection, movement, and deletion

4   of the search folders and the combination folders; and

5   b.   a server executes queries received over an internet connection from the client and

6   delivers search results back to the client over the internet.

1   63.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 61, wherein the combine icon is selected from a group including a logical AND

3   icon, a logical OR icon and a logical MINUS icon.

1   64.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 61, wherein content of the text field is capable of being selected using a category

3   walker.

1   65.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 61, wherein the toolbar includes a search by group, a combine group, and an

3   actions group:

4   a.   the search by group having a category button, a keyword button, and a date

5   button, wherein:

6   i.   when the category button is selected, one search folder is generated with a

7   category icon as the search by icon;

8   ii.   when the keyword button is selected, one search folder is generated with a

9   keyword icon as the search by icon; and

10   iii.   when the date button is selected, one search folder is generated with a date

11   icon as the search by icon;

12   b.   the combine group having a logical AND button, a logical OR button and a

13   logical MINUS button, wherein:

14   i.   when the logical AND button is selected, one combination folder is

15   generated with a logical AND icon as the combine icon;

16   ii.   when the logical OR button is selected, one combination folder is

17   generated with a logical OR icon as the combine icon; and

18   iii.   when the logical MINUS button is selected, one combination folder is

19   generated with a logical MINUS icon as the combine icon; and

20   c.   the actions group having a remove button, a results button, an expand/collapse

21   button and a quit button, wherein:

22   i.   when the remove button is selected, selected combination folders and

23   selected search folders are removed from the workspace;

24   ii.   when the results button is selected, a query defined by each selected

25   combination folder is executed and a results tab is generated;

26   iii.   when the expand/collapse button is selected, the selected combination cell

27   is alternately collapsed into itself and expanded to show search cells

28   within the selected combination cell; and

29   iv.   when the quit button is selected, the window is closed.

1   66.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 65, wherein when the results button is selected, the search results are displayed

3   within the workspace.

1   67.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 66, wherein the workspace includes a title, a media type, and a location for each

3   displayed search result.

1   68.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 67, wherein the location is a URL address.

   69.   The graphical user interface for building Boolean queries and viewing search results as in

          claim 65, wherein the window also includes a menu bar.

   70.   The graphical user interface for building Boolean queries and viewing search results as in

          claim 69, wherein the menu bar includes a session menu, a collection menu, a query

          menu, a select menu, and a help menu, wherein:

          a.   the session menu includes a new session option, an open session option, a save

                 session option, a close session option, and an exit option;

          b.   the collection menu includes a new collection option, an open collection option, a

                 merge collection option, a save option, and a close collection option;

          c.   the query menu includes a search by category option, a search by keyword option,

                 a search by numeric and date option, a combine by logical AND option, a

                 combine by logical OR option, a combine by logical MINUS option and an

                 execute search option;

          d.   the select menu includes a select all option, an unselect all option, and a selection

                 option; and

          e.   the help menu includes an index option and an about option.

71. A graphical user interface for building Boolean queries and viewing search results comprising:

    a.   a workspace capable of enclosing:

        i.   search cells stacked in a first column, each search cell having a search by type icon, a text field and a hit count;

        ii.   one or more pins graphically displayed between each pair of adjacent search cells, each pin having a shaft and a pinhead; and

        iii.   one or more combination brackets arranged in a Boolean hierarchy within a second column adjacent to the first column, each combination bracket displayed adjacent to at least two search cells and having a combine icon and a combination bracket flag; and

    b.   means for inserting search cells into the workspace;

    c.   means for graphically sliding pins horizontally within the second column:

        i.   to generate and manipulate combination brackets; and

        ii.   to alter Boolean hierarchy of the combination brackets;

    d.   means for moving selected search cells;

    e.   means for deleting selected search cells from the workspace; and

    f.   means for viewing search results corresponding to a Boolean query.

72. The graphical user interface for building Boolean queries and viewing search results as in claim 71, wherein:

    a.   an applet running on a client controls:

        i.   insertion, selection, movement, and deletion of the search cells; and

        ii.   the generation and manipulation of the combination brackets; and

    b.   a server:

        i.   executes queries received over an internet connection from the client; and

        ii.   delivers search results back to the client over the internet.

73. The graphical user interface for building Boolean queries and viewing search results as in claim 71 wherein the client is local and the server is remote.

1   74.   The graphical user interface for building Boolean queries and viewing search results as in
2   claim 71, wherein the combine icon is selected from a group including a logical AND
3   icon, a logical OR icon and a logical MINUS icon.

1   75.   The graphical user interface for building Boolean queries and viewing search results as in
2   claim 71, wherein content of the text field is capable of being selected using a category
3   walker.

1   76.   The graphical user interface for building Boolean queries and viewing search results as in
2   claim 71, wherein information displayed by the means for viewing includes a title and a
3   location for each search result.

1   77.   The graphical user interface for building Boolean queries and viewing search results as in
2   claim 76, wherein the location is a URL address.

1   78.   The graphical user interface for building Boolean queries and viewing search results as in
2   claim 71, wherein search parameters displayed in the workspace are treated as a session.

1   79.   The graphical user interface for building Boolean queries and viewing search results as in
2   claim 78, wherein a user has ability to save, open and close the session.

1   80.   The graphical user interface for building Boolean queries and viewing search results as in
2   claim 71, wherein the search results are treated as a collection.

1   81.   The graphical user interface for building Boolean queries and viewing search results as in
2   claim 80, wherein a user has ability to save, open and close the collection.

1   82.   The graphical user interface for building Boolean queries and viewing search results as in
2   claim 71, wherein graphical representation of the combination bracket is selected from a
3   group including a rectangular bracket, a square bracket and a curly brace.

1   83.   A method for building Boolean queries and viewing search results using a graphical user

2   interface comprising the steps of:

3   a.   opening a window including a workspace and a toolbar;

4   b.   stacking two or more search cells into a first column of the workspace:

5   i.   each search cell having a search by type icon, a text field and a hit count;

6   and

7   ii.   each pair of adjacent search cells having a pin graphically displayed

8   therebetween, each pin having a shaft and a pinhead; and

9   c.   entering text in the text fields of the search cells;

10   d.   graphically sliding pins horizontally within a second column adjacent to the first

11   column:

12   i.   to generate and manipulate a plurality of combination brackets, each

13   combination bracket adjacent to at least two search cells and each

14   combination bracket having a combine icon; and

15   ii.   to alter a Boolean hierarchy of the combination brackets;

16   e.   arranging placement of search cells and combination brackets to generate the

17   Boolean query;

18   f.   executing the Boolean query represented within the workspace; and

19   g.   viewing search results in the workspace.

    84.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 83, wherein the search by type icon is selected from a group

3   including a category icon, a keyword icon, and a media type icon.

1   85.   The method for building Boolean queries and viewing search results using a graphical

2   user interface as in claim 83, wherein:

3   a.   an applet running on a client controls:

4   i.   insertion, selection, movement, and deletion of the search cells; and

5   ii.   the generation and manipulation of the combination brackets; and

6   b.   a server:

7   i.   executes queries received over an internet connection from the client; and

8   ii.   delivers search results back to the client over the internet.

1   86.   The method for building Boolean queries and viewing search results using a graphical
2   user interface as in claim 83, wherein the combine icon is selected from a group including
3   a logical AND icon, a logical OR icon and a logical MINUS icon.

1   87.   The method for building Boolean queries and viewing search results using a graphical
2   user interface as in claim 83, wherein content of the text field is capable of being selected
3   using a category walker.

1   88.   The method for building Boolean queries and viewing search results using a graphical
2   user interface as in claim 83, wherein information displayed by the view of each search
3   result includes a title and a location.

1   89.   The method for building Boolean queries and viewing search results using a graphical
2   user interface as in claim 88, wherein the location is a URL address.

1   90.   The method for building Boolean queries and viewing search results using a graphical
2   user interface as in claim 83, wherein search parameters displayed in the workspace are
3   treated as a session.

1   91.   The method for building Boolean queries and viewing search results using a graphical
2   user interface as in claim 90, wherein a user has ability to save, open and close the
3   session.

1   92.   The method for building Boolean queries and viewing search results using a graphical
2   user interface as in claim 83, wherein the search results are treated as a collection.

1   93.   The method for building Boolean queries and viewing search results using a graphical
2   user interface as in claim 92, wherein a user has ability to save, open and close the
3   collection.

94. The method for building Boolean queries and viewing search results using a graphical
user interface as in claim 83, wherein graphical representation of the combination bracket
is selected from a group including a rectangular bracket, a square bracket, and a curly
brace.

95. A graphical user interface for building Boolean queries and viewing search results
comprising:

a. a window including a workspace and a tool bar;

b. two or more search cells stacked in a first column of the workspace:

    i. each search cell having a search by type icon, a text field and a hit count;
and

    ii. each search cell movable within the first column;

c. a pin between each pair of adjacent search cells, each pin having a shaft and a
pinhead and each pin configured for horizontal movement within a second column
adjacent to the first column; and

d. one or more combination brackets located in the second column, each
combination bracket adjacent to at least two search cells and each combination
bracket having a combine icon, wherein movement of the pin head generates and
manipulates the combination brackets.

96. The graphical user interface for building Boolean queries and viewing search results as in
claim 95, wherein the search by icon is selected from a group including a category icon, a
keyword icon, and a media type icon.

97. The graphical user interface for building Boolean queries and viewing search results as in
claim 95, wherein each search cell includes an advanced button which when selected
causes the search cell to expand and additional features including facet type and matching
terms to be displayed within the search cell.

1 98. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 95, wherein:
3 a. an applet running on a client controls:
4 i. insertion, selection, movement, and deletion of the search cells; and
5 ii. the generation and manipulation of the combination brackets; and
6 b. a server:
7 i. executes queries received over an internet connection from the client; and
8 ii. delivers search results back to the client over the internet.

1 99. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 95, wherein the combine icon is selected from a group including a logical AND
3 icon, an logical OR icon and a logical MINUS icon.

1 100. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 95, wherein content of the text field is capable of being selected with using a
3 category walker.

1 101. The graphical user interface for building Boolean queries and viewing search results as in
2 claim 95, wherein the toolbar includes a search by group, a combine group, and an
3 actions group:
4 a. the search by group having a category button, a keyword button, and a date
5 button, wherein:
6 i. when the category button is selected, one search cell is generated with a
7 category icon as the search by icon;
8 ii. when the keyword button is selected, one search cell is generated with a
9 keyword icon as the search by icon; and
10 iii. when the date button is selected, one search cell is generated with a date
11 icon as the search by icon;
12 b. the combine group having a logical AND button, a logical OR button and a
13 logical MINUS button, wherein:
14 i. the logical AND button is selected, one combination folder is generated
15 with a logical AND icon as the combine icon;

16   ii.   when the logical OR button is selected, one combination folder is

17   generated with a logical OR icon as the combine icon; and

18   iii.   when the logical MINUS button is selected, one combination folder is

19   generated with a logical MINUS icon as the combine icon; and

20   c.   the actions group having a remove button, a results button, an expand/collapse

21   button and a quit button, wherein:

22   i.   when the remove button is selected, selected combination folders and

23   selected search cells are removed from the workspace;

24   ii.   when the results button is selected, a query defined by each selected

25   combination folder is executed and a results tab is generated; and

26   iii.   when the expand/collapse button is selected, the selected combination cell

27   is alternately collapsed into itself and expanded to show search cells

28   within the selected combination cell; and

29   iv.   when the quit button is selected, the window is closed.

102.   The graphical user interface for building Boolean queries and viewing search results as in claim 101, wherein when the results button is selected, search results are displayed within the workspace.

103.   The graphical user interface for building Boolean queries and viewing search results as in claim 102, wherein the workspace includes a title and a location for each displayed search result.

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104.   The graphical user interface for building Boolean queries and viewing search results as in claim 103, wherein the location is a URL address.

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105.   The graphical user interface for building Boolean queries and viewing search results as in claim 101, wherein the window also includes a menu bar.

1   106.   The graphical user interface for building Boolean queries and viewing search results as in

2   claim 105, wherein the menu bar includes a session menu, a collection menu, a query

3   menu, a select menu, and a help menu, wherein:

4   a.   the session menu includes a new session option, an open session option, a save

5   session option, a close session option, and an exit option;

6   b.   the collection menu includes a new collection option, an open collection option, a

7   merge collection option, a save option, and a close collection option;

8   c.   the query menu includes a search by category option, a search by keyword option,

9   a search by numeric and date option, a combine by logical AND option, a

10   combine by logical OR option, a combine by logical MINUS option and an

11   execute search option;

12   d.   the select menu includes a select all option, an unselect all option, and a selection

13   option; and

14   e.   the help menu includes an index option and an about option.

      107.   The graphical user interface for building Boolean queries and viewing search results as in

            claim 95, wherein graphical representation of the combination bracket is selected from a

            group including a rectangular bracket, a square bracket, and a curly brace.